

Overview Field Activity Collections System (FACS) Log

Topic	Information
USGS Activity ID i.e. YYPRJ## *	2015-335-FA
Other ID (if any)	XSTORMS.h20150918
Organization(s)/Program	U. S. Geological Survey, St. Petersburg Coastal and Marine Science Center
Project/Theme	Extreme Storm Coastal Change Hazards
Area of Operation	This survey covered the coast from Navarre Beach, Florida, to Breton Island, Louisiana.
Principal Investigator(s)	K.L.M. Morgan, USGS, St. Petersburg, Fla.
Information Specialist(s)	none
Activity Type	Oblique Aerial Photography
Scientific Purpose/Goals	Baseline survey to document the state of the coast.
Platform	Maule MT57
Starting Date	September 18, 2015
Starting Port/Location	Navarre Beach, Fla.
Ending Date	September 19, 2015
Ending Port/Location	Breton Island, La.
Equipment Used	Canon EOS 5D Mark III, GPS, Garmin GPSMAP 196
Information to be Derived (e.g., Grain Size, Depth to Basement)	Oblique aerial photography for analysis of coastal change due to extreme storms
Summary of Activity and Data Gathered	3,371 oblique aerial images, GPS trackline
Notes (include staff, shop time etc)	<p>This survey covered the coast from Navarre Beach, Fla., to Breton Island, La., aboard a Maule MT57 aircraft at an altitude of 500 feet (ft) and approximately 1,200 ft offshore. The aircraft was based in Milton, Fla. Photographer: Amy Hartsfield. Pilot: Ian McIntyre. 3,371 images were collected.</p> <p>September 18, 2015 The aircraft surveyed from Navarre Beach, Fla., through Ship Island, Miss., before landing to refuel. The survey continued from Cat Island, Miss., then continued south along the Chandeleur Islands, La., to Breton Island, La. The aircraft then return northward, before turning east and retuning to Milton, Fla. 1919 images were collected.</p> <p>During the post-flight processing the GPS timestamp was lost for the GPS data from Navarre Beach, Fla., to Ship Island, Miss. All positions for photographs taken from 14:26:08 GMT to 16:27:45 GMT are estimated.</p> <p>September 19, 2015 The aircraft re-surveyed from Navarre Beach, Fla., through Ship Island, Miss., to collect imagery with GPS with a timestamp. The aircraft then returned to Mobile Bay to refuel, before returning to Milton, Fla. 1452 images were collected.</p>